Designing Information Technology in the Postmodern Age: From Method to Metaphor. By Richard Coyne. MIT Press, Cambridge, MA. (1995). 399 pages. $35.00.
Contents:

Preface. Introduction: Being, technology, and design. 1. Computers and praxis: How the theoretical is giving way to the pragmatic in computer systems design. 2. Who is in control: Critical theory and information technology design. 3. Deconstruction and information technology: The implications of Derrida's project against metaphysics. 4. Where in the world is cyberspace?: The phenomenology of computer-mediated communications. 5. Representation and reality: The phenomenology of virtual reality. 6. Systematic design: Methods, theories, and models in design. 7. Metaphors and machines: Metaphor, being, and computer systems design. 8. Conclusion. Notes. References. Index.

Handbook of Incidence Geometry: Buildings and Foundations. Edited by F. Buekenhout. Elsevier, Amsterdam. (1995). 1420 pages. $229.50.
Contents:

Preface. Guidelines connecting the chapters. List of contributors. 1. An introduction to incidence geometry (F. Buekenhout). 2. Projective and affine geometry over division rings (F. Buekenhout). 3. Foundations of incidence geometry (F. Buekenhout). 4. Projective planes (A. Beutelspacher). 5. Translation planes (M. Kallaher). 6. Dimensional linear spaces (A. Delandtsheer). 7. Projective geometry over a finite field (J.A. Thas). 8. Block designs (A.E. Brouwer and H.A. Wilbrink). 9. Generalized polygons (J.A. Thas). 10. Some classes of rank 2 geometries (F. De Clerck and H. Van Maldeghem). 11. Buildings (R. Scharlau). 12. Point-line spaces related to buildings (A.M. Cohen). 13. Free constructions (M. Funk and K. Strambach). 14. Chain geometries (A. Herzer). 15. Discrete non-Euclidean geometry (J.J. Seidel). 16. Distance preserving transformations (J.A. Lester). 17. Metric geometry (E.M. Schröder). 18. Pointless geometries (G. Gerla). 19. Geometry over rings (F.D. Veldkamp). 20. Applications of buildings (J. Rohlfs and T.A. Springer). 21. Projective geometry on modular lattices (U. Brehm, M. Greferath, and S.E. Schmidt). 22. Finite diagram geometries extending buildings (F. Buekenhout and A. Pasini). 23. Linear topological geometries (T. Grundhöfer and R. Löwen). 24. Topological circle geometries (G.F. Steinke). Author index. Symbol index. Subject index.

Making Science: Between Nature and Society. By Stephen Cole. Harvard University Press, Cambridge, MA. (1992). 290 pages. $16.95.
Contents:

Preface. 1. Nature and the content of science. 2. Constructivist problems in accounting for consensus. 3. Constructivist problems in demonstrating causality. 4. Luck and getting an NSF grant. 5. Consensus in the natural and social sciences. 6. Evaluation and the characteristics of scientists. 7. Is science universalistic? 8. Conceptualizing and studying particularism in science. 9. Social influences on the rate of scientific advance. 10. The future of the sociology of science. Appendix: The COSPUP NSF peer review experiment. Notes. References. Name index. Subject index.

The Semantics of Syntax: A Minimalist Approach to Grammar. By Denis Bouchard. University of Chicago Press, Chicago. (1995). 525 pages. $95.00, £75.95 (cloth); $35.95, £28.75 (paper).
Contents:

Acknowledgments. Part I. The relationship between form and meaning. 1. The semantics of syntax: Defining the object of inquiry. 2. Selective semantics and syntactic correspondence. Part II. Selective semantics and the lexicon. 3. A case study of six French verbs. Part III. Selective semantics and syntax. 4. Psych verbs. 5. Verb movement. Afterword. Notes. References.

Meta-Logics and Logic Programming. Edited by Krzysztof R. Apt and Franco Turini. MIT Press, Cambridge, MA. 339 pages. $32.50.
Contents:

Series foreword. Preface. Acknowledgements. I. Foundations. 1. Correctness of the Vanilla meta-interpreter and ambivalent syntax (M. Kalsbeek). 2. A vademecum of ambivalent logic (M. Kalsbeek and Y. Jiang). 3. Two semantics for definite meta-programs, using the non-ground representation (B. Martens and D. de Schreye). 4. Meta-logic for program composition: Semantics issues (A. Brogi and F. Turini). 5. Comparing negation in logic programming and in Prolog (K.R. Apt and F. Teusink). II. Language support for meta-logics. 6. Towards fast and declarative meta-programming (A.F. Bowers and C.A. Gurr). 7. Composing logic programs by meta-programming in Gödel (A. Brogi and S. Contiero). 8. Meta-programming with theory systems (J. Barklund, K. Boberg, P. Dell'Acqua, and M. Veanes). III. Meta-logics for knowledge management. 9. Using meta-logic to reconcile reactive with rational agents (R.A. Kowalski). 10. Modal and meta languages: Consistency and expressiveness (L. Carlucci Aiello, M. Cialdea, D. Nardi, and M. Schaerf). 11. Model-based diagnosis preferences and strategies representation with logic meta-programming (C.V. Damásio, W. Nejdl, L.M. Pereira, and M. Schroeder). 12. The generalized ChronoBase temporal data model (S.M. Sripada and P. Möller). Contributors.